



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/597,198	06/20/2000	Jonathan C. Griffiths	US 000136	6017

7590 02/20/2004

Corporate Patent Counsel  
US Philips Corporation  
580 White Plains Road  
Tarrytown, NY 10591

EXAMINER
----------

STULBERGER, CAS P

ART UNIT	PAPER NUMBER
----------	--------------

2132

DATE MAILED: 02/20/2004

3

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/597,198

Applicant(s)

GRIFFITHS, JONATHAN C.

Examiner

Cas Stulberger

Art Unit

2132

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 June 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 6,600,902 B1 to Bell, and in further in view of U.S. Patent No. 5,367,558 to Gillig et al.

3. In regards to claim 1, 13, 14, and 17, Bell discloses a wireless system comprising a number of wireless stations for communication with each other through short-range wireless links (Bell: Abstract). Bell discloses both users need to authenticate in order to communicate with each other (Bell: column 1, lines 55-64). This meets the limitation of “upon link set-up over a short-range wireless link, executing an authentication protocol by exchanging authentication information between the first and second electronic devices to initially authenticate communication between the first and second devices.” Bell however does not disclose “later, when the first and second electronic devices are beyond the short-range wireless link, executing the authentication protocol by exchanging the authentication information between the first and second electronic devices over an alternate communications link, then only allowing communication between the first and second devices if the first and second devices had initially been successfully authenticated.”

Gillig discloses a cordless telephone which operates with both a cordless base station and a cellular base station and cellular control terminal (Gillig: Abstract). It is determined if the

Art Unit: 2132

cellular control terminal is within range of the cellular base station by scanning and selecting the strongest signaling channel from the surrounding cellular base stations. If not the incoming call is connected as a cordless call. If the cellular control terminal is within range of the cellular base station the landline can forward the unanswered incoming call to the cellular system, which is also known as call forwarding (a process which redirects a call from the dialed landline telephone number of cordless base station to the cellular telephone number of the cellular control terminal) (Gillig: column 5, lines 50-67; column 6, lines 1-50). This meets the limitation of “later, when the first and second electronic devices are beyond the short-range wireless link, executing the authentication protocol by exchanging the authentication information between the first and second electronic devices over an alternate communications link, then only allowing communication between the first and second devices if the first and second devices had initially been successfully authenticated.”

It would have been obvious to one having ordinary skill in the art at the time the invention was made to combine the system of a short-range wireless connection between devices as disclosed by Bell with the method of connection long range through a landline system as disclose by Gillig in order to transfer the connection if the cellular device moves out of range of the base station (Gillig: Abstract, last sentence).

4. In regards to claim 2, Bell discloses a passkey (Bell: column 1, lines 58-59).
5. In regards to claim 3, Bell discloses a PIN (Bell: column 1, lines 57-63).

6. In regards to claim 4, Bell discloses a master and a slave (Bell: column 1, lines 38, 40-44).
7. In regards to claim 5, Bell discloses a cellular radio link (Bell: column 1, lines 37).
8. In regards to claim 6, Bell discloses an infrared link (Bell: column 1, lines 10).
9. In regards to claim 7, Bell discloses the devices are in the vicinity of the Bluetooth enabled device (Bell: column 1, lines 66-67).
10. In regards to claims 8 and 9, Bell discloses Bluetooth (Bell: column 1, lines 32-34).
11. In regards to claims 10 and 15, Bell discloses the same PIN is entered by both users (Bell: column 1, lines 56-63).
12. In regards to claim 11, Bell discloses a client/server relationship which meets the limitation of a computer network (Bell: column 1, lines 44-52).
13. In regards to claims 12 and 16, Bell discloses a client and server (Bell: column 1, lines 44-52).

*Conclusion*

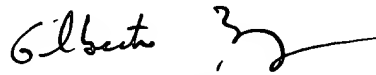
14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cas Stulberger whose telephone number is (703) 305-8034. The examiner can normally be reached on Monday - Friday, 9:00A.M. - 5:00P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on (703) 305-1830. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CS

CS

  
GILBERTO BARRON  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100